

**CATABOLITE REPRESSION CONTROL (*crc*) GENE
AND *PSEUDOMONAS* VIRULENCE**

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Abstract of the Disclosure

A method of screening for compounds that inhibit the virulence of *Pseudomonas* bacteria comprises the steps of: providing a culture medium comprising *Pseudomonas* bacteria; administering a test compound to said bacteria; and then detecting the presence or absence of inhibition of the catabolite repression control (Crc) protein in said bacteria, the inhibition of the Crc protein indicating said compound has antivirulence activity against *Pseudomonas* bacteria. Antivirulence compounds and the use thereof in treating *Pseudomonas* infections are also disclosed.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100